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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Appl No.: 09/787,566 Confirmation No. 2974  
Applicant: Garry E. Jacobs et al.  
Filed: July 25, 2001  
TC/A.U.: 1764  
Examiner: Doroshenk, Alexa A.  
  
Docket No.: 100325.213219US5  
Customer No.: 34284

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office action of March 24, 2004, please amend the above-identified application as follows:

**Amendments to the Specification -/-**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings -/-**

**Remarks/Arguments** begin on page 5 of this paper.

**Appendix -/-**



Practitioner's Docket No. 100325.213219US5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Garry E. Jacobs et al.

Application No.: 09/787,566

Group No.: 1764

Filed: 07/25/2001

Examiner: A. Doroshenk

For: Reactor Distribution Apparatus and Quench Zone Mixing Apparatus

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

G deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

X with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

G as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

TRANSMISSION

G facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Date: 6/2/04

  
Signature

Sara Geer  
(type or print name of person certifying)

\* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDIT. FEE	
TOTAL	20	— 20	= 0	x	\$ 18.00	= \$	0.00
INDEP.	2	— 3	= 0	x	\$ 84.00	= \$	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+	\$ 0.00	= \$	0.00
TOTAL						ADDIT. FEE	\$ 0.00

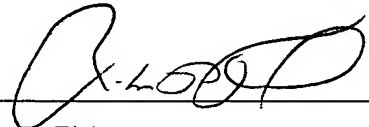
No additional fee for claims is required.

### FEE DEFICIENCY

5. An additional extension and/or fee is required, charge Account No. 502191.

An additional fee for claims is required, charge Account No. 502191.

Date: 6/2/12

  
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